

MINDLIN, S. Z.; ZAYTSEVA, Z. M.; GERMANOV, A. S.; SHISHKINA, T. A.

"Genetic analysis of 'non-active' mutants of *streptomyces rimosus*."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst Atomic Energy im I. V. Kurchatov, Moscow.

ACC NR: AP6021-90

(V)

SOURCE CODE: UR/0402/66/000/003/0374/0374

AUTHOR: Germanov, A. B.; Nosacheva, A. D.

ORG: Institute of Virology, Academy of Medical Sciences, SSSR (Institut virusologii im. D. I. Ivanovskog AMN SSSR, Moscow)

TITLE: Capacity of L₂ Herpes viruses for forming deficient colonies on chick embryo fibroblast monolayers

SOURCE: Voprosy virusologii, no. 3, 1966, 374

TOPIC TAGS: virology, Herpes virus, tissue culture, HISTOLOGY

ABSTRACT:

Optimum conditions for growing negative L₂ virus cultures in tissue culture were developed. The best results were obtained with the Porterfield and Allison method of culturing with bicarbonate buffer for three or four days after adding virus. The deficient colonies appear in 4-5 days and are discs 0.5-2 mm in diameter. [W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: none/

Card 1/1

GERMANOV, A.I.

Possible participation of organic matter in the geochemical processes taking place in the regions of recent and present-day volcanism. Trudy Lab.vulk. no 19;165-182 '61. (MIRA 14:9)
(Organic matter) (Geochemistry)

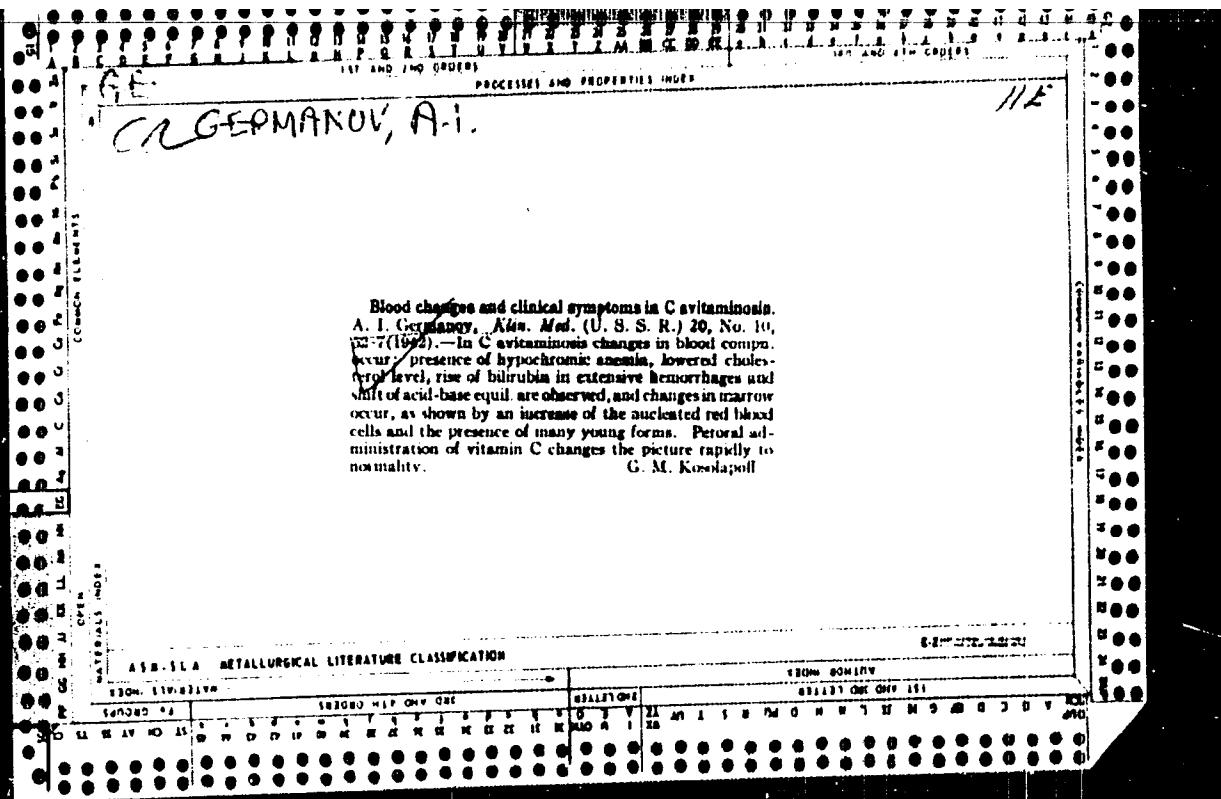
GERMANOV, A.I.

Role of organic matter in the formation of hydrothermal sulfide deposits. Izv.vys.ucheb.zav.;geol. i razv. 4 no.8:
60-73 Ag '61. (MIRA 14:9)

1. Institut geologii rudnykh mestorozhdeniy, petrogradii,
mineralogii i geokhimii AN SSSR.
(Sulfides) (Organic matter)

VOLKOVA, O.Yu.; GERMANOV, A.I.

New data on biogeochemistry of the supergene migration of chemical
elements. Trudy IGEM no.99:85-100 '63. (MIRA 16:9)
(Geochemistry)



GERMANOV, A. I.,

Germanov, A. I. "C avitaminosis (scurvy)," Trudy Kuybyshevsk. gos. med. in-ta,
Vol. 1, 1948, p. 3-16

SL: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949,

GROMAKOV, A. I., Prof., Kuybyshev Med. Inst., -1949-.

"Experience in the Creation of A Dispensary for Hypertonia Cases," Sov. Med.
No 11, 1949.

GERMANOV, A.I.

Practical classification of hypertension. Orv. hetil 93 no. 27:

769-771 6 July 1952.

(CLML 23:3)

1. Professor.

GERMANOV, A.I.

Prophylactic and therapeutic regulations in the treatment of hypertension. Orv. hetil. 93 no. 47:1330-1331 23 Nov 1952. (CLML 24:1)

1. Professor, M. D.

GERMANOV, A.I.

Nervosism and the concept of disease. Orv. hetil. 94 no.26:701-705 28
June 1953.
(CIML 25:1)

1. Professor, Doctor Medical Sciences.

7/22/

GERMANOV, A.I.

Management plan for the health center treatment of hypertension. Orv. vestil.
94 no.28:781-782 12 July 1953. (CIML 25:1)

1. Professor, Doctor Medical Sciences.

SECRET//NOFORN

EXCERPTA MEDICA Sec 6/Vol 13/6 Internal Medicine June 59

3186. THE DIAGNOSTIC VALUE OF DETERMINATION OF THE NON-HAEMOGLOBIN IRON IN BLOOD SERUM (Russian text) - Germanov A. I.

Med. Inst., Kubyshev - SOV. MED. 1957, 8 (50-56)
In patients with various diseases (29 patients with malignant neoplasms of the liver, bile ducts and pancreas, 20 with carcinoma of the stomach, 76 with gastric ulcers, 87 with infectious hepatitis, 40 with various forms of leukaemia, 76 with chronic trinitrotoluene poisoning and 56 workers who had been in contact with trinitrotoluene) the non-Hb iron content of blood serum was studied; the blood serum of 214 donors was also examined. The investigation revealed that patients with infectious hepatitis had significantly raised levels of non-Hb Fe (2-3 times that of normal). With the development of jaundice in cases of carcinoma of the liver, bile ducts and head of the pancreas the level of carcinoma of the liver, bile ducts and head of the pancreas the level of non-Hb Fe was, as a rule, lower than normal; this could be used for differential diagnosis of jaundice in various conditions. The definite lowering of serum Fe content in cases of carcinoma of the stomach and the presence of normal and sometimes even raised levels in cases of uncomplicated peptic ulcer enables this test to be used in differential diagnosis of these conditions also. The majority of patients with chronic myelosis showed diminished blood serum Fe content; in the early stages of acute leukaemias without marked anaemia the Fe level was within normal limits, but exceeded them considerably in the terminal period. The non-Hb Fe values were within normal limits in chronic lymphadenomatous conditions. Most of the patients with anaemia caused by chronic trinitrotoluene poisoning showed lowered levels of non-Hb Fe. No appreciable and stable changes in the non-Hb Fe levels were noted in the case of donors. No relationship between the non-Hb Fe levels, blood bilirubin content, number of erythrocytes and percentual Hb content could be demonstrated.

Guseva - Moscow (S)

GARMANOV, A.I., professor, kandidat meditsinskikh nauk; GUSSEVA, N.I.,
(Kuybyshev)

A year's work of an organizational and consultation center in
the control of hypertension. Klin. med. 35 no.1:21-25 Ja '57
(MLRA 10:4)

1. Iz gospital'noy terapevticheskoy kliniki (zav.-prof. A.I.
Germanov) Kuybyshevskogo meditsinskogo instituta.
(OUTPATIENT SERVICES
control of hypertension)
(HYPERTENSION, prev. and control
outpatient serv. in Russia)

GERMANOV, A.I., prof.; GUSEVA, N.I., dotsent

Outpatient treatment of hypertension. Kaz. med. zhur. no. 2:79-
83 Mr-Ap '61. (MIRA 14:4)

1. Gospital'naya terapeuticheskaya klinika (zav. - prof. A.I.
Germanov) Kuybyshevskogo meditsinskogo instituta.
(HYPERTENSION)

GROMANOV, A.I., prof.

Organization of measures for preserving of work capacity of
hypertension patients. Kaz.med.zhur. no.1:7-11 Ja-F'63.
(MIRA 16:8)

1. Kafedra gospital'noy terapii Kuybyshevskogo meditsinskogo
instituta.
(HYPERTENSION) (MEDICINE, INDUSTRIAL)

GENEANOV, Anatoliy Iakovlevich, prof.; GOL'DSEMEYH, L.Ye.,
red.

[Emergency therapeutic aid; a handbook] Neotlozhnaia te-
rapevticheskaiia pomoshch'; spravochnik. 3., perer. i dop.
izd. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1961. 318 p.
(MIRA 17:6)

GERMANOV, A. I. Cand Geolog-Mineralog Sci

Dissertation: "Hydrogeology of the Hypergenesis Zone of Sulfide Deposits (on the Example of the Shamlug and Kafan Deposits)." Moscow Geological Prospecting Institute S. Ordzhonikidze.
21 May 47

SO: Vechernaya Moskva, May 47 (Proj #17876)

Possible participation of subterranean water in hydrothermal ore formation. A. I. Orenzinger, *Zhurn. Akad. Nauk SSSR Ser. Geol.*, No. 12, 1958, p. 31. Light is thrown on the problem of the formation of H_2S and its influence as a precipitant of sulfur from thermal water. It is concluded that subterranean water has considerable influence on the processes of hydrothermal ore formation. Results of some chemical analyses are given. 21 references.

Gladys S. May

GERMANOV, A I.

✓ The oxygen of ground water and its geochemical significance. A. I. Germanov. Izv. Akad. Nauk S.S.R., Ser. Geol. 1953, No. 6, 70-82. — free O was detd. in more than 200 samples of ground water taken in the mountain and foot-hill region of Central Asia. Gladys S. Macy

GERMANOV, A.I.

Possible hydrogeochemical cause of the leaching subzone formation.
Geokhimia no.1:113-117 '56. (MLRA 9:9)

1. Institut geologicheskikh nauk AN SSSR, Moscow.
(Leaching) (Geochemistry)

GERMANOV, A.I.

A characteristic of underground water movement important to geo-
chemistry. Nauch.dokl.vys.shkoly; geol.-nauki no.4:26-32 '58.
(MIRA 12:6)

1. Moskovskiy geologo-razvedochnyy institut, kafedra gidrogeologii.
(Water, Underground) (Geochemistry)

21(4)
 FILED: BOOK REVIEWS 807/27/84
 International Conference on the Peaceful Use of Atomic Energy, Vol.
 Geneva, 1958
 (Report of Scientific Committee: Nuclear Fuel and Reactor Materials) Moscow,
 Akademiia, 1959. 670 p. (Series: IAEA Trudy, vol. 5.) 0000 -spine
 printed.

Ed. (Title page): A. A. Bochvar, Academician; A. P. Vinogradov, Academician;
 V. A. Semenov, Corresponding Member, USSR Academy of Sciences; and
 A. P. Serein, Doctor of Technical Sciences, Ed. (Inside book): V. V.
 Pavlenko and G. M. Podil'stsev, Tech. Ed.; E. S. Kuznetsov.

PURPOSE: This volume is intended for scientists, engineers, physicians, and
 biologists working in the production and processing, application of atomic
 energy, for professors and students, engineers of schools and
 higher technical education where the subject is taught; and for people
 interested in atomic science and technology.

CONTENTS: This is volume 5 of a volume set of reports on atomic energy, presented by Soviet scientists at the Second International Conference on the
 Peaceful Use of Atomic Energy held in Geneva from September 1 to 12, 1958.
 Volume 5 consists of two parts. The first part, edited by A. A. Bochvar, is
 devoted to geology, prospecting, concentration and processing of nuclear
 energy material. The second part, edited by G. M. Podil'stsev, includes papers
 on metallurgy, metallurgical processing technology of nuclear fuel and
 reaction vessels, and neutron irradiation effects in metals. The title of the
 individual papers in most cases correspond word for word with those in the
 official English language edition on the Conference proceedings. See
 Sov/200 for the titles of the other volumes of the set.

Tsytin, A. I., G. A. Tsvetkov, G. D. Slobodkin, V. A. Vinogradov,
 and M. D. Ivanov, Editors. Particular Attention is Spent on Nuclear
 in Ukraine Department of the Soviet Union (Report No. 202)

Semenov, A. A., S. D. Matulin, G. A. Vinogradov, and V. J. Semenova.
 Some Problems of Uranium Distribution in Underground Rocks (Report No. 202)

New Data on Uranium Minerals in the USSR (Report No. 2060)

Semenov, A. A., F. V. Krasnenskaya, A. I. Sil'yanov, M. M. Shabalin, V. M.
 Slobodkin, D. A. Slobodina, and L. I. Tuzikov. Some Theoretical and Mathematical
 Problems of Radiometric Prospecting and Survey (Report No. 207b)

Balashov, Yu. P. The Gamma Radiation Method for Classification
 of Assemblies in Reactivity (Report No. 207b)

Zorko, G. A., and M. M. Sosulinchenko. Some Problems of Radiometric Uranium
 Ore Concentration (Report No. 205)

CIA 4/12

3(8)

AUTHORS: Germanov, A. I., Volkov, G. A., SCV/7-59-3-7/13
Lisitsin, A. K., Serebrennikov, V. S.

TITLE: Results from Investigating the Oxidation-reduction Potential
of Subterranean Waters (Opyt izuchenija okislitel'no-
vosstanovitel'nego potentsiala podzemnykh vod)

PERIODICAL: Geokhimiya, 1959, Nr 3, pp 259-265 (USSR)

ABSTRACT: During the period from 1951 to 1957 the oxidation-reduction potential was determined more than 300 times of subterranean waters from (Soviet) Central Asia, Kazakhstan and the Caucasus. Determination was carried out by means of LP-4-, LP-5-, and P-6-type potentiometers of the "MOSKIP" plant. Samples were in most cases taken from bore-holes and more rarely from springs, and only for purposes of comparison from water-courses on the surface. Certain precautionary measures were taken when taking samples (Fig. 1) in order to eliminate the influence exercised by the oxygen of the air. Besides the oxidation-reduction potential, also pH and temperature were measured, a chemical analysis was carried out, and the gas content was investigated (Table). The oxidation-reduction potential is between +550 and -480 millivolt referred to the normal hydrogen

Card 1/2

An Attempt at Investigating the Oxidation-reduction Potential of Subterranean Waters SOV/7-59-3-7/13

electrode; in oxygen-containing waters it is + 300, in hydrocarbonaceous waters it is between -30 and -480 mv. The highest value of + 550 mv was found in water containing oxygen of pH 2. Water containing oxygen is found in depths of up to about 1000 m; the biochemical oxidation of organic substance may be found in even greater depths. There are 3 figures and 1 table.

ASSOCIATION: Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geoхimii AN SSSR, Moskva (Institute for the Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry, AS USSR Moscow)

SUBMITTED: July 18 1958

Card 2/2

GEHMANOV, A.I.

Basic characteristics of hydrogeochemical conditions determining
the formation of certain infiltration deposits of uranium.
Izv.AN SSSR.Ser.geol. 25 no.8:75-89 Ag '60. (MIRA 13:8)
(Uranium)

GERMANOV, A.I.

Geochemical and hydrodynamic conditions of epigenetic uranium
mineralization in petroleum- and water-bearing horizons. Geokhimija
no.2:99-109 '61. (MIRA 14:3)
(Uranium) (Petroleum geology) (Water, Underground)

GERMANOV, A.I.

Hydrodynamic and hydrochemical conditions governing the formation
of some hydrothermal deposits. Izv. AN SSSR. Ser.geol. 27 no.7:
79-98 Jl '62. (MIR 15:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimii AN SSSR.
(Dzhezkazgan District--Water, Underground--Composition)
(Dzhezkazgan District--Ore deposits)

SHCHERBINA, V.V.; NAUMOV, G.B.; MAKAROV, Ye.S.; GERASIMOVSKIY, V.I.;
YERFOLAYEV, N.P.; TARASOV, L.S.; TUGARINOV, A.I.; BA-SUKOV,
Vik.L.; SOKOLOVA, N.T.; KUCHENOV, A.V.; GERMANOV, A.I.;
ZNAMEŃSKIY, V.L., red. izd-vat VINOGRADOV, A.P., akademik, red;
POLYAKOVA, T.V., tekhn. red.

[Essential features of uranium geochemistry] Osnovnye cherty
geokhimii urana. Pod red. A.P. Vinogradova. Moskva, Izd-vo
AN SSSR, 1963. 350 p. (MIRA 16:1C)

1. Akademiya nauk SSSR. Institut geokhimii i analiticheskoy
khimii.

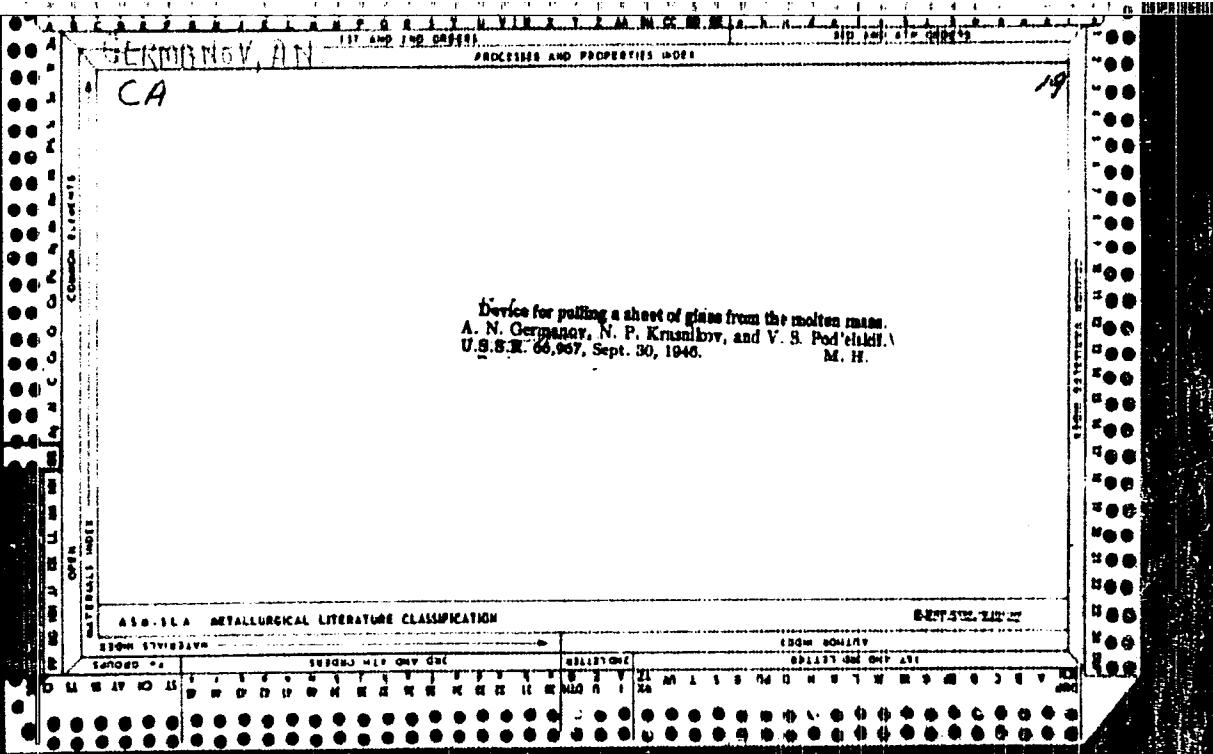
(Uranium)

GERMANOV, A.I.

Geochemical significance of organic matter in the hydrothermal
process. Geokhimiia no.7:834-843 Jl '65.

(MIRA 18:11)

1. Institut geokhimii i analiticheskoy khimii imeni V.I.
Vernadskogo AN SSSR, Moskva. Submitted November 20, 1964.



CA

Soviet Hydrogeology

Underground water and hydrothermal ore deposition
V. N. Germanov. Zemski Vsesoyuzny Mineral' Oktia.

cheita (Menz) is a basic mineral (1974, 1980). According to N. K. Teterovich's hydrodynamic classification of underground waters (1970, 1985), 3 characteristic zones are distinguished, the first with carbonate soils in active circulation, the second (contg. SO_4^{2-} and Cl^-) salts alk. in faulted regions, and the third characterized by predominant NaCl and CaCl_2 salts, stagnant in great depths in crust rocks. The increase of Cl^- and the decrease of CO_3^{2-} and SO_4^{2-} with increasing depth are the most typical factors ruling the chemistry of the waters. The above depths of the 3 zones greatly depend on special geological conditions, varying in wide ranges. Special conditions are observed in volcanic areas, chiefly with CO_2 enriched in the soils. The problems of juvenile and hot spring waters are closely related, and the special salty conditions of the salts generally determine the mineralization. CaSO_4 has its max. solv. at 40°C 11.8 g/L , which is rapidly reduced with increasing temp. (0.57 g/L at 100°C , 0.076 g/L at 200°C). Anhydrite is therefore precipitated from Na_2SO_4 waters, in interaction with carbonate soils. Anhydrite is never observed crystal from magmatic soils. Another reaction which occurs only near the surface is the oxidation of SO_4^{2-} , forming H_2SO_4 ; alunitization and kandite formation are of this type. Rich deposits of gypsum in the surroundings of the Cu-pyrite ores of Alaverda and Shamshing (Armenia) indicate that these sulfates were formed by an interaction of the hot ascending waters with cold waters originating from sediments (sandstones). The CaSO_4 was derived from marine waters, and alluvial effluvia brought about the enrichment of the hot ascending waters with CO_2 . The bulk amounts of the reagents are calculated for these deposits. Another fact is the inclusion of petroleum in quartz and fluorite crystals in such deposits. W. E. G.

GERMANOV, A. N.

OPERATION OF GLASS PLANTS USING SULFATE CHARGE, A. N.
Germanov. Stekol'naya i Keram. Prom., 1947, No. 10,
pp. 1-2. — The use of sulfate containing up to 25% moisture
and sand at a temperature of 90° at the Gomel glass fac-
tory caused the mirabilite to melt with resulting caking in
the mixer and breakdown of the mixer. This was over-
come by cooling the sand to 30° to 35° prior to weighing
and mixing with the sulfate. B.Z.K.

DOLGANOV, A.N., inzh.; MAKSIMOV, V.P., inzh.; GERMANOV, A.N., inzh.

Characteristics of the heating system of ТЭ3 diesel locomotives. Vest. TSMII MPS 19 no.4:28-31 '60.

(MIRA 13:7)

(Diesel locomotives)

Country	: USSR	M
Category	: CULTIVATED PLANTS, FODDER	
Abs. Jour.	REF ZHUR-BIOL., 21, 1953, NO. 96031	
Author	Gerasimov, A.P.	
Institution	VNIITsentr. Sci. Res. Inst. of Agriculture	
Title	Clover Plantings in the Southern Districts of Amurskaya Oblast'.	
Orig. Pub.	Byul. nauchno-tekhn. inform. Dal'nnevost. n.-i. in-ta s. kh., 1957, 3, 11-12	
Abstract	Observations made over a number of years in the Tambov Variety Testing Plot 'in Amurskaya Oblast' have shown that it is wholly feasible to grow red clover in the southern districts of Amurskaya Oblast'. A necessary condition is that locally selected plants be used, together with the proper agrotechny: planting is in the early springtime on a black or early, superior fertilized fallow under a spring wheat cover, leaving a tall stubble when harvesting the cover crop; cattle cannot be	
Card:	1/2	

GERMANOV, A.P., agronom

Growing soybeans on the "Priamur'ye" Collective Farm, Zemledelie
no. 4: 52-54 Ap '59. (MIR 12:6)

1. Kolkhoz "Priamur'ye," Amurskoy oblasti.
(Amur Province--Soybean)

SAVOGIN, N.A., inzh.; GIGENKO, V.A., inzh.; CHUMAKOV, A.P., inzh.

Asynchronous mode of operation of a TV2-150-2 turbogenerator
and its connection in a power distribution network using a
self-synchronization technique. Elek. sta. 34 no.8:66-67
Ag '63. (MIRA 16:11)

IGNATOV, Stepan Andreyevich; STUPNIKOV, Mikhail Maksimovich; ~~GERMANOV..~~
~~Andrey Petrovich; RANIKOV, N.A.,redaktor; LAPIDUS, M.A.,~~
~~redaktor; SOKOLOVA, N.N.,tekhnicheskiy redaktor~~

[A unified production and finance plan and monthly wages on
collective farms] Edinyi proizvodstvenno-finansovyj plan i
pomesiachnaia oplata truda v kolkhoze. Moskva, Gos. izd-vo
sel'khoz. lit-ry, 1956. 215 p. (MLRA 10:4)
(Wages) (Collective farms)

GERMANOV,
GERMANOV V. II P

8/8
7/11/01
.121

YERINYY PRO VOSTOCHNOE-FINANSOVYY PLAN I RAZVITIYE MASHINNOY CHILITA TRUDOVY
KOL'CHINA (A. SIMPLE PRODUCTION-FINANCIAL PLAN AND DEVELOPMENT OF THE
THE MACHINERY, BY) A. A. IGNATOV, N. N. TIKHONOV I A. F. GERMANOV. MOSKVA,
SDEL'NIKI, 1954. .15 p. Tabl.).

IGNATOV, Stepan Andreyevich; STUPNIKOV, M.M.; GERMANY, A.P.

[A unified production and finance plan for collective farms] Edinyyi
proizvodstvenno-finansovyi plan kolkhoza. Izd. 2-eo perer. i dop.
Moskva, Sel'khozgiz, 1957. 246 p. (Kolkhoznaya ekonomicheskaya
biblioteka, vyp. 8) (MIRA 11:4)
(Collective farms)

GERMANOV, B.F.; CORDYUK, L.Ye.

Developmental characteristics of buckwheat in northern Tomsk Province.
Agrobiologiya no.1:99-102 Ja-F '62. (MIRA 15:3)

I. Chinskiy gosudarstvennyy sortoispytatel'nyy uchastok, Tomskaya
oblast'.
(Tomsk Province--Buckwheat)

1. GORBOV, V. F. Eng. : GERMANOV, G. S.
2. USSR (600)
4. Bearings (Machinery)
7. Lapping of bearing surfaces in ball bearing rings, with abrasive shafts.
Podshipnik no. 8, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

KAROV, V. A., dr.; SPALAKH, N. S.

Russia

Study of micro-hardness of roadways in bearing rings. - Fizkhimniz. N. 3, 1953.

Monthly List of Russian Acquisitions, Library of Congress, Jan. 1953. Incl.

GERMANOV, I.S. chen Kommunisticheskoy Partii Sovetskogo Soyuza s 1917
goda, personal'nyy pensioner.

Memorable days. Vest.sviazi 17 no.9:31 S '57. (MIRA 10:10)
(Leningrad--Postal services--History)

"APPROVED FOR RELEASE: 09/24/2001

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OTHER: 001

10.2
Card 2/2

091-66 IWT(d)/T/IWP(1) IWP(c)
ACC NR: AP6010170

SOURCE CODE: RU/0011/65/018/008/0723/0724

AUTHOR: Spiridonov, V.; Germanov, M.

35

ORG: Institute of Mathematics, Bulgarian Academy of Sciences

B

TITLE: Class of convex functions of nonlinear programing

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 8, 1965, 723-724

TOPIC TAGS: function, linear programming

ABSTRACT: The authors discuss the minimum of the function

$$f(X)=f(x_1, x_2, \dots, x_n) \quad (1)$$

which exists within the bounded, convex, and closed polyhedral region R
defined by the system of inequalities

$$\sum_{j=1}^n a_{ij}x_j \leq b_i \quad (i=1, 2, \dots, m; m > n), \quad (2)$$

provided f has continuous and bounded second partial derivatives over all the variables x_j ($j = 1, 2, \dots, n$) in R and is a rigorously convex function in R. The basic among the 7 theorems stated indicates that the minimum of the function can be found following the simplex procedure. This does not mean that one finds a new simplex procedure (as believed by some authors, see P. Wolfe, Econometrics, 27, 1959, 382; J. Kelley, J. Soc. Ind. Appl. Math., 8, 1960,

Card 1/2

2

ACC NR: AP6010170

no. 4, 703) but merely that the simplex procedure of linear programming can be applied also to nonlinear problems. This paper was presented by L. Iliyev, Corresponding Member BAN, 5 May 1965. Orig. art. has: 4 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 05May65 / OTH REF: 002 / SOV REF: 001

Card 2/2 TS

GERMAN V. N.N. (Shadrinsk)

Aleksandr Stepanovich Popov, master of visual experiment. Fiz. v.
stkkole 21 no.2:79-80 Mr-Ap '61. (MIRA 1446)
(Popov, Aleksandr Stepanovich, 1859-1905)

GERMANOV, N.A., inzhener; NIKOLAEV, V.B., inzhener, redaktor.

[Air and gas compressors; a handbook] Kompressory vvedushchye
i gazovye. Katalog-spravochnik. Moskva, Gos.nauchno-tekhn. izd-
vo mashinostroitel'noi i sudostroitel'noi lit-ry, 1954. 165 p.
(MLRA 7:8)

l. Russia (1923- U.S.S.R.) Glavnoye upravleniye khimicheskogo
mashinostroyeniya.
(Compressors)

SHVEYKIN, Viktor Vasil'yevich, professor; TYAGUNOV, Vladimir Arkad'yevich,
dotsent; GERMANOV, N.A., redaktor; KEL'NIK, V.P., redaktor;
KOVALENKO, N.I., tekhnicheskiy redaktor.

[Technology of rolling] Tekhnologiya prokatnogo proizvodstva. Sverdlovsk, Gos.nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metalurgii, Sverdlovskoe otd-nie, 1956. 444 p. (MIRA 9:6)
(Rolling (Metalwork))

GERMANOV, N.I.

Formation of Indole by the bacilli of the dysentery and the intestinal groups. N. I. Germanov and M. M. Ferdinand. *Lab Prakt* (U.S.S.R.) 15, No. 7, 8, 9 (1940). The object of the copy was to verify a use of reactions used for the detection of indole formation by microorganisms. The most accurate results were obtained by the reactions of Bihrich and Kovach; the reactions of Morelli and Friebel were least accurate. Various products of the decompn. of tryptophan (from indoleacetic acid to indole) were found in the 72 hr old cultures in Göttinger broth. The intestinal bacilli split tryptophan to form indole more rapidly than do the paratyphenteric organisms. Since the Legal reaction produces a color only in the presence of indole it alone should be used in the investigation of the indole-neg. races. W. R. Henn

GERMANOV, N. I.

Dec 53

USSR/Medicine - Immunology

"Formation of Antibodies Under Conditions of Inhibition
of the Central Nervous System," N. I. Germanov,
Chair of Microbiol, Kuytyshev Med Inst

Zhur Mikro Epidemiol Immun., No 12, p 33

Prolonged sleep induced by veronal, chloralhydrate, or urethane lowers formation of antibodies (agglutinins, hemolysins, and antitoxins) produced in rabbits by administration of a killed culture of typhoid B, of tetanus anatoxin, or of a suspension of ram erythrocytes. Formation of antibodies was also reduced when the antigen was injected in combination

274T4O

with novocain. Thus inhibition of either the central nervous system or of peripheral nerve reception brings about a reduced formation of antibodies.

Translation M-720, 24 Aug 55

GERMANOV, N.I.

Dynamics of the spread of the tetanus toxin in the body. Zhur. mikrobiol. epid. i immun. 31 no. 5:106-107 My '60, (MIRA 13:10)

1. Iz Kuybyshevskogo meditsinskogo instituta.
(TETANUS) (TOXINS AND ANTITOXINS)

KOTYUR, I.V., GRM-NOV, F.M.

Use of information is combined with other physical factors. Sbor.
nauch. rab. vrach. san. mir. ucheb. profilirov. no. 198-201 164.
(MIRA 18:10)

I. Moldavskiy respublikanskiy sovet po upravleniyu reportant
profesional'nykh slyuzhby.

PA 63/49T88

GERMANOV, V. A.

USSR/Medicine - ~~Exanthematosus Typhus~~ Jul/Aug '49
Medicine - Hemopoiesis

"Hemopoiesis in Exanthematous Typhus," V. A. Germanov, Clinic of Hosp Therapy, Clinic of Infectious Diseases, Kuybyshev Med Inst, 6 pp

"Zhurn Arkhiv" Vol XXI, No 4

Hemopoiesis undergoes radical changes in exanthematous typhus. Extent of these changes depends on severity and frequency of attacks. At the peak of an attack, monocyte count increases while erythropoiesis decreases, and during convalescence erythroblast count remains normal. Studies confirmed

USSR/Medicine - Exanthematous Typhus Jul/Aug '49
(Contd)

Davydov's theory that in cases of exanthematous typhus degeneration of the bone marrow persists. Prof A. I. Chicher, Clinic of Hosp Therapy: Prof A. I. Germanov. Chief, Clinic of Infectious Diseases: Prof V. P. Petrov.

63/49T88

GERMANOV, V.A., dotsent

The leukogram and leukocytolysis in healthy individuals. Probl. gemit. i perel. krovi 3 no.6:37-41 N-D '58. (MIRA 12:7)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - prof. N.Ye. Kavetskiy) Kuybyshevskogo meditsinskogo instituta i iz oblastnoy stantsii perelivaniya krovi (glavnyy vrach M.F. Fedorovskaya).
(LEUKOCYTES) (BLOOD--EXAMINATION)

GERMANOV, V.A.; PIKSANOV, O.N.

Work of the Kuybyshev Department of the All-Union Scientific Society
of Laboratory Physicians. Lab.delo 5 no.6:56-57 N-D '59.
(MIRA 13:3)
(MEDICAL LABORATORIES)

GERMANOV, V.A., dotsent

Monocytes of the peripheral blood in patients with stomach and
pulmonary cancer. Vrach.delo no.9;915-919 S '59. (MIRA 13:2)

1. Fakul'tetskaya terapeuticheskaya klinika (zaveduyushchiy - prof.
N.Ye. Kavetskiy) Kuybyshevskogo meditsinskogo instituta.
(LEUCOCYTES) (STOMACH--CANCER) (LUNGS--CANCER)

GERMANOV, V.A.

Changes in the leukocytic picture in patients with cancer of the lung
and cancer of the stomach. Terap.arkh. 31 no.8:78-83 Ag '59.
(MIRA 12:11)

I. Iz fakul'tetskoy terapeuticheskoy kliniki (zav. - prof. N.Ye.
Kavetskiy) i gospital'noy terapeuticheskoy kliniki (zav. - prof.
A.I. Germanov) Kuybyshevskogo meditsinskogo instituta.
(LUNG neoplasms)
(STOMACH neoplasms)
(LEUKOCYTE COUNT)

GERMANOV, V.A.

Eosinophile content of the blood in stomach and pulmonary cancer.
Kaz.med.Zhur. 40 no.4:26-31 Jl-Ag '59. (MIRA 13:2)

1. Iz fakul'tetskoy terapeuticheskoy kliniki (zaveduyushchiy - prof.
N.Ye. Kavetskiy) Kuybyshevskogo meditsinskogo instituta i gospital'-
noy terapeuticheskoy kliniki (zaveduyushchiy - prof. A.I. Germanov)
(EOSINOPHILS) (STOMACH--CANCER) (LUNGS--CANCER)

GERMANOV, V.A.

Erythrocyte sedimentation rate in patients with stomach and
pulmonary cancer. Vrach.delo no.1:93 '60. (MIRA 13:6)

1. Fakul'tetskaya terapeuticheskaya klinika (zav. - prof.
N.Ye. Kavetskiy) Knybyshevskogo meditsinskogo instituta.
(BLOOD--SEDIMENTATION) (STOMACH--CANCER) (LUNGS--CANCER)

GERMANOV, V.A.; GURIN, I.L.; PIKSANOV, O.N.

Case of eosinophilia in a patient with reticulosis. Probl. gemat.
i perel. krovi 5 no. 10:55-57 '60. (MIRA 14:1)
(RETICULO-ENDOTHELIAL SYSTEM--DISEASES)
(EOSINOPHILIA)

GERMANOV, V.A.

Changes in the lymphocytes in stomach cancer and lung cancer. Trudy
Kuib.med.inst. 11:125-132 '60. (MIRA 15:8)

1. Iz fakul'tetskoy terapeuticheskoy kliniki (zav. klinikoy prof.
N.Ye. Kavetskiy) Kuybyshevskogo meditsinskogo instituta.
(STOMACH--CANCER) (LUNGS--CANCER) (LYMPHOCYTES)

GERMANOV, Vladimir Anatol'yevich; PIKSAKOV, Oleg Nikolayevich;
PETROFOL'SKAYA, N.Ye., red.; DURASOVA, V.M., tekhn. red.

[Methods of laboratory research; a short textbook] Metodika
laboratornykh issledovaniy; kratkoe posobie. Kuibyshev, Kuiby-
shevskoe knizhnoe izd-vo, 1961. 91 p. (MIRA 15:3)
(DIAGNOSIS) (MEDICAL LABORATORIES)

GERMANOV, V.A.

Thrombocytogram of people in the 40-70 age bracket. Lab. delo 7
no.5:27-29 My '61.
(MIRA 14:5)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - prof. N.Ye.
Kavetskiy) i Gospital'naya terapevticheskaya klinika (zav. - prof.
A.I.Germanov) Kuybyshevskogo meditsinskogo instituta.
(BLOOD PLATELETS)

GERMANOV, V.A.

"Blood cells in radiation sickness; an atlas" by M.S.Lapteva-Popova and others. Reviewed by V.A.Germanov. Lab. delo 7 no.6: 57-58 Je '61. (MIRA 14:7)

(RADIATION SICKNESS) (BLOOD CELLS)
(LAPTEVA-POPOVA, M.S.) (GUBIN, V.A.) (SOKOLOV, V.V.)
(ALEKSANDROVA, M.F.)

GERMANOV, V. A., dotsent (Kuybyshev)

Nomenclature of blood cells. (Concerning the article of Prof.
I. A. Kassirskii and Prof. G. A. Alekseev). Probl. genet. i
perel. krovi no.12:31-34 '61. (MIRA 15:6)

(BLOOD CELLS)

GERMANOV, V.A.; PIKMANOV, O.N.; CHAKINA, L.A.

Age-related thrombocytogram (1 .. 108 years). Lab. delc no.2:
98-101 '65.
(MIRA 18:2)

1. Gospital'naya terapevticheskaya klinika (zaveduyushchiy - prof.
A.I. Germanov) Kuybyshevskogo meditsinskogo instituta.

DASHKEVICH, N.N.; STARODUBTSEV, G.S.; GERMANOV, Ye.K.

Kimberlite pipes and the structure of the Chadobets uplift. Mat. po
geol. i pol. iskop. Kras. kraia no. 3:117-130 '62. (MIRA 17:2)

GERMANOV, Ye.P.; SHIVIN, O.N.

Change in the integral intensity of X-ray reflections of
plastically deformed molybdenum in the state of low-tem-
perature relaxation. Kristallograflia 9 no.4:527-530
Jl-Ag '64. (MIRA 17:11)

1. Petrozavodskiy gosudarstvennyy universitet.

ACC NR: AR7004862

SOURCE CODE: UR/0137/66/000/010/I013/I013

AUTHOR: Germanov, Ye. P.; Kulmanen, E. V.

TITLE: Structural changes in a nichrome-base alloy during heating

SOURCE: Ref. zh. Metallurgiya, Abs. 10188

REF SOURCE: Sb. nauchn. rabot aspirantov i molodykh spetsialistov. Petrozavodskiy un-t. Gumanitarn. i fiz. n., vyp. 1, 1965(1966), 95-109

TOPIC TAGS: nichrome alloy, ordered alloy, crystal lattice structure, structural change

ABSTRACT: The effect of annealing at 300—600 C on the microstructure of nichrome-base heat-resistant KhN70T [EI435] alloy has been studied. Ordering occurs in Ni₃Cr type alloy annealed at 500 and 600 C. The high level of diffuse scattering background is caused by the dissolution of the weak super lattice lines, by short-range ordering in atoms distribution, and by crystal structure deformation. Grain structure may play a definite role. The lattice constant decreases with increasing annealing time (at 500 and 600) or temperature. The increased hardening of alloy caused by increasing the annealing time (at 600 C) or the anneal-

Card 1/2

UDC: 669.245'26.017.3;548.313.3

ACC NR:
AR7004862

ing temperature is correlated with the separation of atomic admixtures and with
the partial lattice ordering. Authors' resume. [Translation of abstract] [AM]

SUB CODE: 11/

Card 2/2

GERMANOV, Yu., inzh.

Radio circuit in a crystal. IUn.tekh. 7 no.2:33-37 F '63. (MIRA 16:4)
(Semiconductors) (Radio research)

16
Author's name: Inf/01/5/06/000/01/000/000/

Authors: Chernov, V. N.; Khavin, V. M.; Aymar, Yu. A.; Makalintsev, Yu. A.; Malenkov, A. I.; Fedorov, V. N.; Ivanov, A. M.; Malenkov, S. A.; Malenkov, V. V.; Malenkov, V. V.; Malenkov, V. V.; Vysotskiy, Yu. A.; Zamokhiy, V. M.; Bystrov, V. V.; Chernov, V. N.; Khavin, V. M.; Kevnerov, D. A.; Germannov, Yury G.; Makaimov, N. P.; Malenkov, A. A.; Malenkov, V. V..

U.S. name:

Seismographic station. Class 42, No. 10/166 [announced by "Neftepridor" Factory of the Ministry of Architecture Administration of Losgorsovmarkhoz (Zavod "Neftepridor" Tsveteniya prilozhestiya Mosgorsovmarkhosa)]

EDITION: Izobret' perek obraz tsv zn, no. 15, 1966, 94

TOPIC TAGS: seismologic station, seismologic instrument

ABSTRACT: This Author Certificate presents a seismic station containing a seismic signal detector, a recording amplifier unit, an oscillograph, a magnetic drum recorder, a channel reproduction unit, a control unit, a reproduction amplifier, a multichannel borehole probe, a drum with photographic paper, a retransmitting unit, and a power supply. To increase the reliability when transferring from operation with the method of reflected waves to the method of refracted waves, a filter unit is connected between the first and second stages of the recording amplifier unit. A

Card 1/2

UDC: 550.340.19

ACC NR: AP6029933

modulator-demodulator unit and a reel type magnetic recorder are connected in series to the output of the recording amplifier unit. For operation with the method of refracted waves, the filter unit has frequency cutoffs of 7--30 hz, and for operation at sea--frequency cutoffs of 20--50 hz. To increase the reliability of the recorded data with operation by the method of regulated directional reception, a switching unit for the channels to be summed, a static correction unit, and a summing unit are connected in series between the magnetic drum recorder and the reproduction amplifier. To increase the reliability when transferring from operation with the method of reflected waves to seismic logging, a frequency selection unit is connected between the multichannel borehole probe and the magnetic drum recorder. To improve the quality of the recorded material, an electron beam unit for introducing static and dynamic corrections is connected between the reproduction amplifier and the drum with photographic paper.

SUB CODE: 08/ SUBM DATE: 05May65

Carey 7/7

3/C58/62/000/008/007/134
A061/A101

AUTHORS: Marinov, M., Marinova, Ye., Germanova, K.

TITLE: Negative conductivity pulses in cadmium sulfide crystal counters

PERIODICAL: Referativnyy zhurnal, Fizika, no. 8, 1962, 10, abstract 8B58
("Dokl. Bolg. AN", 1961, v. 14, no. 8, 783 - 785; summary in French)

TEXT: This is a preliminary report on a phenomenon analogous to the negative photoelectric effect, observed in CdS crystal counters. This phenomenon is characterized by the occurrence of a pulse with a polarity corresponding to an increase of its resistance when bombarding the counter with alpha particles. A picture taken from the oscilloscope screen is presented which indicates the presence of zones with positive and negative pulses in the crystal. The results obtained are discussed.

[Abstracter's note: Complete translation]

Card 1/1

L 00028-66 T/EPR(t)/EII IJP(c) JD

SOURCE CODE: BU/0011/65/018/012/1091/1094

ACC NR: AP6027348 AUTHOR: Borisov, M.; Marinova, K.; Germanova, K.; Durov, Yu.

57

ORG: Department of Experimental Physics, Physics Faculty, Sofia University

5

TITLE: Injected currents in CdS monocrystals caused by pulsed voltages

SOURCE: Bulgarska akademiya na Naukite. Doklady, v. 18, no. 12, 1965, 1091-1094

TOPIC TAGS: single crystal, cadmium sulfide, electric current, current density

ABSTRACT: The injected currents in CdS monocrystals generated by pulsed voltages (0-1000 V) at room temperature have been investigated. Crystals up to several tens of microns thick were subjected to pulses having repetition frequencies of 1 to 200 kc and a duration from 5 to 200 sec. The results are in the form of current-voltage diagrams for different operating conditions. Although the currents achieved have a density exceeding those obtained in earlier works (see, e.g., E. Schnuerer, Physica statu solidi, 6, 1963 (K133), no. 3; E. Vatova, Compt. rend. Acad. bulg. Sci., 18, 1965, no. 2, 105), it is still by several orders of magnitude smaller than those predicted by the theory of double injection (Steel, Ardo, Lampert, J. Phys. Soc. Japan, 17, 1962, 1729). A subsequent paper will deal with the recombination emission observed at low temperatures. This paper was presented by Academician G. Nadzhakov on 21 September 1965. Orig. art. has: 2 figures. [JPRS: 36,465]

SUB CODE: 20 / SUBM DATE: 21Sep65 / ORIG REF: 002 / OTH REF: 012

Card 1/1 MLP

LEVITOV, M.M., kandidat biologicheskikh nauk; GERMANOVA, K.I., kandidat meditsinskikh nauk; NENASHEVA, A.N.

Effect of certain conditions on the antibacterial action of penicillin.
Trudy VNIIA no.1:113-123 '53. (MLRA 8:1)
(Penicillin)

GERMANOV, K.I.

Penicillin in experimental gas infection. Trudy VILLA no. 1:141-
156 '53.
(Penicillin) (Gangrene)

GERMANOVA, A. I.

The influence of cultivation method upon the development of microbial resistance to streptomycin. K. I. Germanova and M. M. Levitor. *Zhur. Mikrobiol. Epidemiol. Immunobiol.*, 1954, No. 2, 16-20. Known amts. of 2 synthetic fluid media and nutrient broth were mixed with varying amts. of streptomycin and inoculated with a 24-hr. culture of *Escherichia coli*. Nutrient broth cultures required 3.5 times as much streptomycin as the synthetic media for complete suppression of bacterial growth. Those synthetic media and broth cultures which showed max. growth with the largest amt. of streptomycin were used for consecutive transplants. After 3-7 transfers the resistance of *E. coli* grown in broth increased 200 times while that of synthetic media grown organisms increased only 4 times after 10-12 transfers. Addn. of casein hydrolyzate to the synthetic media enhanced the resistance of the organisms to streptomycin. Addn. of nucleic acid and vitamin B complex did not affect resistance. The lower the pH the faster resistance developed in both synthetic and nutrient media.
A. Aitkin

Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta po penitsillinu i drugim antibiotikam.

USSR/Chemistry - Antibiotics

Card 1/2 Pub. 22 - 27/54

Authors : Shemyakin, M. M., Memb.Corr.Acad. of Sc., USSR; Kolosov, M. N.; Levitov, M. M.; Germanova, K. I.; Karapetyan, M. G.; Shvetsov, Yu. B.; and Bamdas, E. M.
Title : Relation between structure and antimicrobial activity of chloromycetin (levomycetin) and the mechanism of its reaction
Periodical : Dok. AN SSSR 102/5, 953-956, Jun 11, 1955
Abstract : It is shown that the high selectivity of the biological effect of chloromycetin on microbes is determined simultaneously by the following factors: 1) strong polarizing effect of the μ -nitrophenyl radical, the geometrical dimensions of which are of no importance; 2) strong polarizing effect of the dichloroacetyl radical, which should satisfy even the most specific geometrical requirements; and 3) defined geometrical dimensions and corresponding conformation of the aminopropanediol group. The relation between the structure and biological activity of chloromycetin is explained.
Institution : Acad. of Med. Sc., USSR, Inst. of Biol. and Med. Chem.
Submitted : January 27, 1955

Card 2/2 Pub. 22 - 27/54

Periodical : Dok. AN SSSR 102/5, 953-956, Jun 11, 1955

Abstract : Five references: 2 USSR and 3 USA (1858-1955). Diagrams.

GERMANOVA-K.I.

Chemistry of chloromyctin (levomycetin). VIII. Dependence of antimicrobial activity of chloromyctin on its structure and the mechanism of action of chloromyctin. M. M. Shemyakin, M. N. Kolosov, M. M. Levitov, K. I. Germanova, M. G. Karapetyan, Yu. B. Shvetsov, and M. V. Butina. *Zhur. Obshchey Khim.* 26, 773-82 (1958); cf. *C.A.* 49, 18049a; 50, 3201c. Biol. tests of several N-acyl derivs. of chloromyctin against *Staphylococcus aureus*, *Escherichia coli*, *Bacillus subtilis*, and *Vibrio fluorescens* were performed. The results indicate that the *p*-nitrophenyl group is important to the activity of the drug both through its electronic behavior and its polarizing action on the rest of the mol.; the geometric dimensions of this part of the mol. are not important in contrast to the import of geometric dimensions in the aminopropanediol portion of the mol. The NO₂ group can be shifted without loss of activity to other conjugated locations, and compds. with *p*-O₂NCH=N:N— or *p*-O₂NCH₂CH:N— linkages are highly active; compds. without the NO₂ group or those with it in unconjugated locations (*p*-O₂NCH₂CONH—) are inactive or weakly active. The biol. activity of chloromyctin analogs drops off in the series of the *p*-phenyl substituents: NO₂, CN, CO₂Me, Cl, SO₂Me, SO₂NH₂. Geometry and polarization in chloromyctin are discussed at length. New analogs were prepd. By heating 6 g. DL-threo-1(*p*-nitrophenyl)-2-nitro-1,3-propanediol (I), 7.2 g. Me₂*y,y*-trichloroerectonate, and 4 ml. iso-AmOH to 110° 5 min., followed by treatment with

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1/2

First Biol. & Med. Chem. AMS USSR

SHEMYAKIN, M. M.

EtOAc, gave 17% *DL-threo-1-(p-nitrophenyl)-3-(γ,γ,γ -tri-chloroacetylaminoo)-1,3-propanediol*, m. 103-0° (from CH₂CH₂Cl). I (8 g.) in 250 ml. Et₂O and 100 ml. 0.5M KOH treated with 0.1 g. C₆H₅CH₂CH₂COCl (b.p. 97.5°) 0.5 hr. gave 87% *DL-threo-1-(p-nitrophenyl)-3-(γ,γ,γ -trichlorobutylaminoo)-1,3-propanediol*, m. 118-17° (from (CH₂Cl)₂). D- or L-form of I (8 g.) similarly treated with CHCl₂CH₂COCl (b.p. 79-81°, n_D²⁰ 1.5156) gave 70-8%, *DL-threo-1-(p-nitrophenyl)-3-(γ,γ,γ -dichloroacetylaminoo)-1,3-propanediol*, m. 84-5° (from EtOAc and (CH₂Cl)₂), [α]_D²⁰ -70.8° (Me₂CO); *L-threo* analog, m. 84-5°, [α]_D²⁰ 87.8° (Me₂CO); *DL-analog*, prep'd. by mixing the 2 isomers, m. 144-5°. I (8 g.) in 300 ml. dry dioxane was treated at 12-15° with 2.46 g. CCl₄:CHCH₂COCl over 0.5 hr.; after 0.5-hr. shaking the mixture was filtered and concd. *in vacuo*, washed with EtOAc, washed with dil. H₂SO₄ and 20% NaCl, and evap'd., yielding 88% *DL-threo-1-(p-nitrophenyl)-3-(γ,γ -dichlorovinylacetamido)-1,3-propanediol* (II) *hydrate* (from heptane and (CH₂Cl)₂) or EtOAc-C₆H₅CH₂Cl), m. 72-0°; the water of hydration is lost at 100° *in vacuo*. This (0.8 g.) in dry dioxane treated with 2 drops dry Et₃N and kept 45 hr. gave 90% *DL-threo-1-(p-nitrophenyl)-3-(γ,γ -dichloroacetylaminoo)-1,3-propanediol*, m. 144-5°, identical with the above described. Refluxing II with 20% HCl 5 hrs. gave 87% CCl₄:CHCH₂CO₂H and 91% I. G. M. Knudsen

2/2

GERMANOVA, K.I.

USSR/Virology - Human and Animal Viruses.

Abs Jour : Ref Zhur - Biol., 1958, 9665

Author : Germanova, K.I., Koroleva, V.G.

Inst Title : Antivirus Action of the Antibiotic "Virusin 1609".

Orig Pub : Antibiotiki, 1957, 2, No 1, 13-17

Abstract : An antibiotic of actinomycete origin, virusin 1609, causes partial depression of 1-1000 ID₅₀ gripp virus types A, A¹, and B developing in chick embr'os. The antibiotic is active against extra- and intracellular viruses (strain PR8). In experiments on white mice (introducing a purified preparation through the nasal passages) no viricidal effect was detected. A similarity was noted between the antivirus and antibacterial effects of virusin 1609.

ANTIBIOTICS

"On the Effect of Antibiotic Virusin 1609 upon the Virus of Smallpox Vaccine and Taylor's Virus", by K.I. Gerasimova and V.G. Koroleva, All-Union Scientific Research Institute of Antibiotics, Antibiotiki, No 3, May-June 1957, pp 14-17.

The Antibiotic Virusin 1609 was isolated at the Division of Chemistry of the All-Union Scientific Research Institute of Antibiotics (D.M. Trakhtenberg and E.I. Rodionovskaya) from the strain of Streptomyces sp. 1609, obtained from the Institute of Microbiology of the Academy of Sciences of the USSR (1955).

Since previous investigations have demonstrated that Virusin 1609 is active against influenza virus of type A, A+, and B, the authors wanted to investigate its action on the smallpox virus and Taylor's virus.

In the experiments, a Krasnodar strain of smallpox vaccine and Tg-VII strain as Taylor's virus were used. In the first case, chick embryos, and in the second, mice were subject to experimentation.

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Card 1/2

ANTIBIOTICS

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514910011-9

00513R000514910011-9

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514910011-9"

GERMANOVA, K. I., KOROLEVA, V.G.

Method for the primary selection of antiviral antibiotics on chick embryos infected with influenza virus [with summary in English].
Antibiotiki, 3 no.3:13-18 My-Je '58 (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS,
antiviral, selection on influenza virus infected chick embryo (Rus))
(INFLUENZA VIRUS,
selection of antiviral antibiotics on infected chick embryo (Rus))

TOVAROVA, I.I.; LEVITOV, M.N.; GERMANOVA, K.I.

Role of precursors in the synthesis of penicillin by various strains. Antibiotiki 3 no.5:26-30 S.O '58. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(**PENICILLIN**, rel. cpds.
benzyl penicillin, eff. of precursors on synthesis by various strains (Rus))

GERMANOVA, K.I.; LEVITOY, M.M.; STEPANOVA, N.Ye.; NEMASHEVA, A.M.

Physiological characteristics of various strains of *Penicillium chrysogenum*; certain characteristics of metabolism in strains B-51-20, 31 and 24 [with summary in English]. *Antibiotiki* 3 no.6:8-14
N-D '58. (MIRA 12:2)

(PENICILLIN, metabolism,
chrysogenum B-51-20, 31 & 24 (Rus))

GERMANOVA, K.I.

Antiviral properties of new antibiotics 1212 and 452-457; effect on
the influenza virus, certain neuroviruses, and the herpes virus.
Vop. virus. 4 no.1:71-76 Ja-F '59. (MIRA 12:4)

1. Vsesoyuzny nauchno-issledovatel'skiy institut antibiotikov, Moskva.
(ANTIVIRALS, effects,
antibiotic 1212 & antibiotic 452-457, on influenza & herpes
viruses & certain neuroviruses (Rus))
(INFLUENZA VIRUS, eff. of drugs on,
antibiotic 1212 & antibiotic 452-457 (Rus))
(HERPES, virus,
eff. of antibiotic 1212 & antibiotic 452-457 (Rus))
(VIRUSES, eff. of drugs on)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514910011-9

LEVITOV, M.M.; GERMANOVA, K.I.

Antibiotic research and production in the Chinese People's Republic.
Antibiotiki, 4 no.2:118-121 Mr-Ap '59. (MIRA 12:7)
(CHINA--ANTIBIOTICS)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514910011-9"

GERMANOVA, K.I.; SAVEL'YEVA, A.M.

Inhibiting effect of new antibiotics 1212 and 452-7 on the vaccinia virus. Vop.virus. 4 no.3:348-353 My-Je '59. (MIR 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS, effects,
antibiotics 1212 & 452-7 on vaccinia virus
(Rus))
(VACCINIA, virus,
eff. of antibiotics 1212 & 452-7 (Rus))

GERMANOVA, K.I.; SAVEL'YEVA, A.M.

Antiviral properties of the new antibiotic polymycin. Antibiotiki
6 no.4:293-298 Ap '61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ANTIBIOTICS) (INFLUENZA)

SOLOV'YEVA, N.K.; DELOVA, I.D.; GERMANOVA, K.I.; SAVEL'YEVA, A.M.; KHOKHLOV, A.S.; MAMIOFE, S.M.; SINITSYNA, Z.T.; PETROVA, M.A.; KOROLEVA, V.A.; NAVASHIN, S.M.; FOMINA, I.P.; BUYANOVSKAYA, I.B.; VASILENKO, O.S.; YEFREMOVA, S.A.; BEREZINA, Ye.K.; VEYS, R.A.; DMITRIYeva, V.S.; SEMENOV, S.M.; SHNEYERSON, A.N.

Polymycin, a new antibiotic from the streptotricin group. Antibiotiki 5 no.6:5-10 N-D 160. (MIRA 14:3)

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